



Replacing 9g Servo Gears

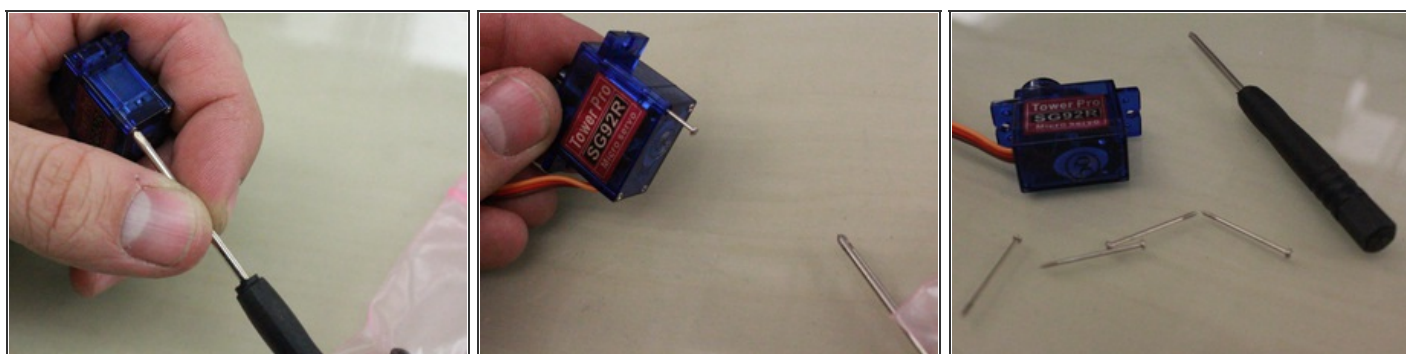
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Step 1 — Replacing 9g Servo Gears



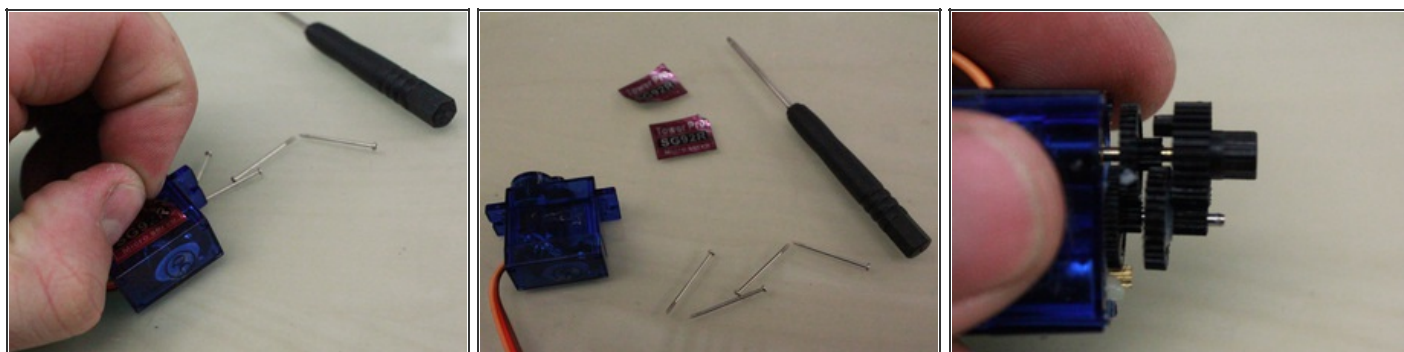
- Sometimes with all the wear and tear of use (especially if you have 19 of them working in a robot...), servo gears need to be replaced. It's a much cheaper alternative to buying a new servo. Here's how to do it!
- You'll need:
 - A fine Phillips-head screwdriver
 - Replacement gears
 - Broken servo

Step 2



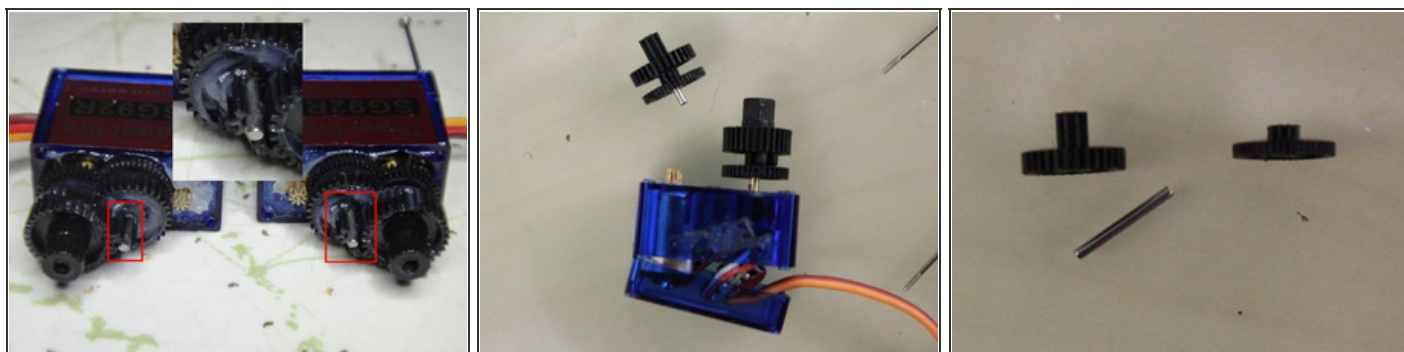
- Start by taking out all the screws from the bottom of the case.

Step 3



- Take off any stickers on the outside; these might also hold together the different plastic parts of the case.

Step 4



- We're specifically going to look at changing the highlighted gear. It's the one that breaks 95% of the time. The other gears are replaced in a similar manner.
- Wiggle out the two gears that are on the same metal rod, and remove them.
- Place one of the replacement gears in their place.
- Put the servo back together in the reverse order that you took it apart.
- Servo fixed!

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